

CURRENT & RECENT PROJECTS

PENNSYLVANIA

Grays Ferry Avenue
Philadelphia Co. - 533 CY

SR 22, Sec. 00

Dauphin Co. - 376 CY

SR 191, Sec. BOB

Northampton Co. - 130 CY

Lehigh PA Turnpike - NE Exit (Rapid Set Concrete)

Lehigh Co. - 44 CY

WEST VIRGINIA

I-77 NB & SB
(Rapid Set Concrete)
Princeton - 64 CY

VIRGINIA

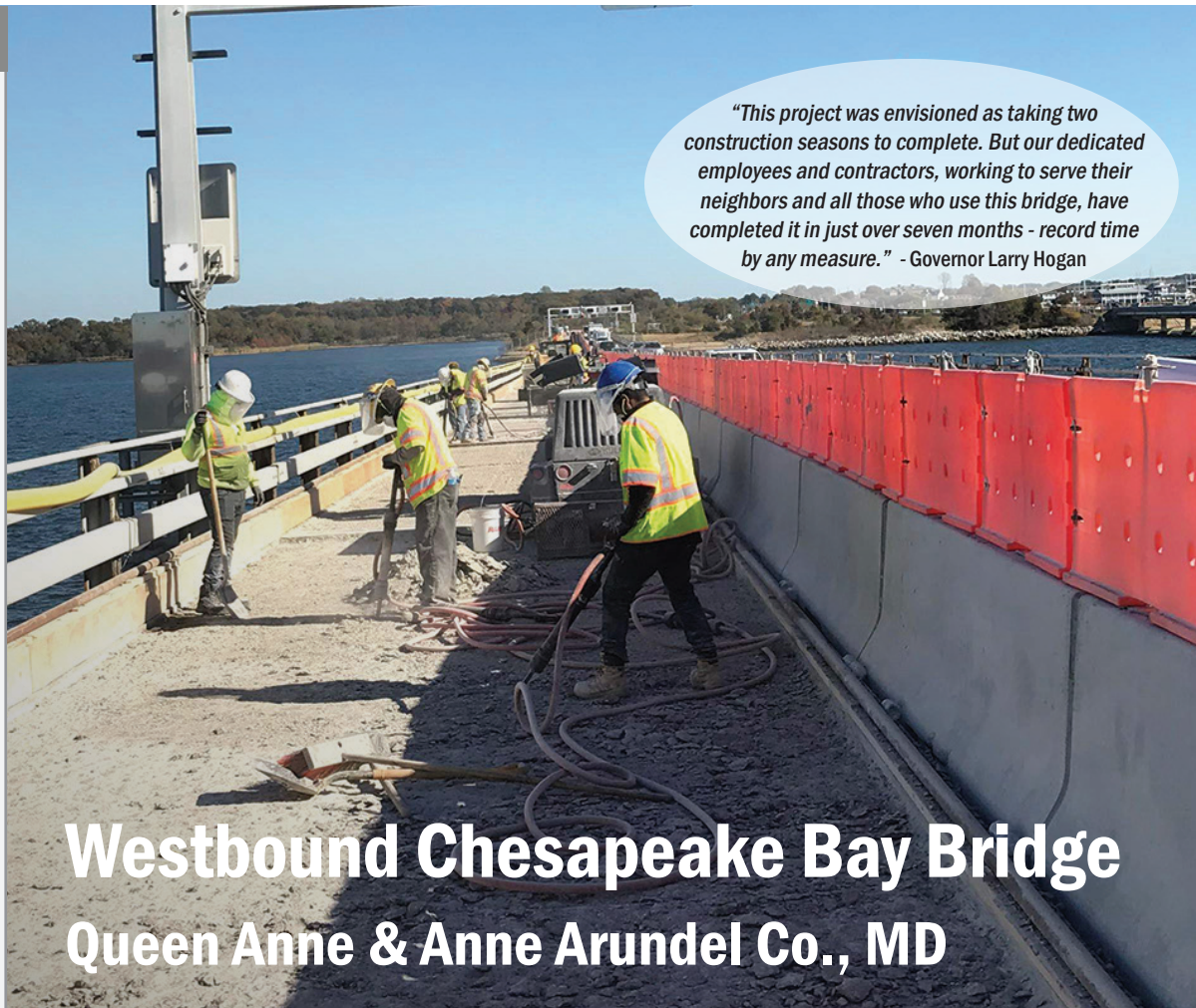
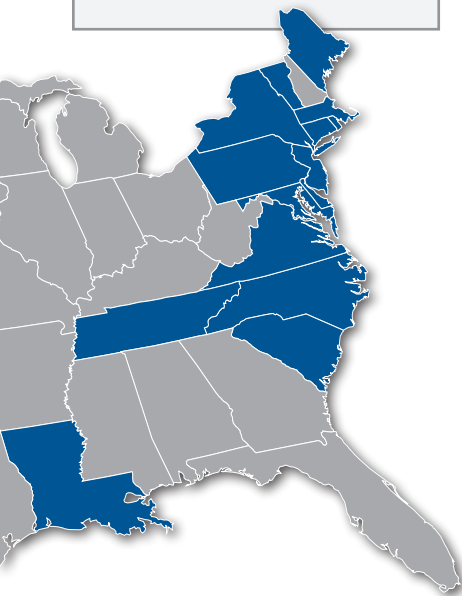
I-66 Bridge Repairs
Arlington - 283 CY

NORTH CAROLINA Bridge Preservation

Madison Co. - 492 CY

LOUISIANA

**Route I-20, LA 145, US 165, LA
546 and LA 151**
200 CY



"This project was envisioned as taking two construction seasons to complete. But our dedicated employees and contractors, working to serve their neighbors and all those who use this bridge, have completed it in just over seven months - record time by any measure." - Governor Larry Hogan

Westbound Chesapeake Bay Bridge Queen Anne & Anne Arundel Co., MD

Wagman Heavy Civil recently replaced the Latex Modified Concrete (LMC) on the right lane of the WB Chesapeake Bay Bridge one year ahead of schedule. This \$27M, 24-month long project included two short, but highly demanding construction periods associated with removing a portion of the existing concrete bridge deck, and installing LMC overlay. The project was originally bid to perform the work in the fall of 2019 and then again in the fall of 2020. However, immediately after the notice to proceed, Wagman was directed to accelerate by combining and condensing the schedule to complete all LMC during one construction season. This acceleration was needed so that the temporary traffic barrier could be removed completely in the early spring, prior

to increased traffic flow as beach season approached in 2020. Wagman was successful in finishing the LMC installation and removing the barrier ahead of this deadline.

Subcontractor acceleration efforts were also integral to this work, including expanding the efforts of both our bridge deck scarification and hydro-demolition partners.

In addition to this primary scope of work, the contract includes work associated with the roadway approaches, lane use signal gantry structures, deck repairs, bridge railing upgrades, joint replacements, deck sealant, and all temporary traffic control necessary to perform all construction activities.

Arlington Memorial Bridge

In 2019, Wagman signed a subcontract with Kiewit to work on the Arlington Memorial bridge in Washington, D.C. This \$192 million rehabilitation project includes replacing the concrete deck with prefabricated concrete deck panels followed by the placement of a Latex Modified Concrete Overlay (LMC).

Wagman's scope of work includes approximately 881 cubic yards of LMC that will be placed on nearly 14,420 SY of deck surface. Wagman's contract also includes preparation of the new deck panels with shotblasting of the entire deck surface prior to placement of the overlay.

Due to the phasing of the project, half of the project was completed in 2019 and the remaining half will be complete in the fall of 2020. In an effort to help with the accelerated schedule on this project, Wagman was able to pour the more than 2,000 LF of LMC deck in just several days. Wagman is excited to be a part of the team selected to rehabilitate this iconic bridge.



Why Choose Latex Modified Concrete?

- Proven technology since the 1970's specifically designed for thin bonded overlays
- Provides a 30+ year service life when placed properly
- Bond strength exceeds the strength of the base concrete
- Low permeability reduces penetration of moisture and de-icing salts, protecting reinforcing steel from corrosion
- Low modulus of elasticity makes the concrete less brittle and more flexible for extended service life
- Meets FHWA RD-75-35 Requirements: Styrene-Butadiene Latex Modifiers for Bridge Deck Overlay Concrete

COST SAVINGS

There are significant cost savings by choosing Latex Modified Concrete over PPC. Additionally, LMC is even more cost efficient if done without hydro-demolition.



I-85 Dinwiddie/Brunswick

In December of 2019, Wagman Heavy Civil, Inc. was awarded a \$1.9 million contract to complete I-85 in Dinwiddie and Brunswick Counties in Virginia. This project included the rehabilitation of three bridges that were completed in phases.

The work included concrete milling and hydro-demolition of existing deck, placement of Rapid Set Latex Modified Concrete (RSLMC), bridge deck grooving, maintenance of traffic, deck slab closure, and Type C patching. The project included 3,604 SY of deck area to receive an RSLMC overlay at an average thickness of 1 ½" – 2".



The schedule for this job was very aggressive and included both incentives for early completion as well as liquidated damages for not finishing on time. Wagman began work in the spring and completed the project several days early in May.

GROOVING & GRINDING

Wagman also offers Grinding & Grooving services. For more information, please contact:

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WAGMAN HEAVY CIVIL CURRENT & RECENT PROJECTS



MD 32 from Linden Church Rd to I-70, Glenwood, Md.



I-270 at Watkins Mill Road Interchange, Gaithersburg, Md.



I-95 SB & NB Rappahannock River Crossings, Fredericksburg, Va.



Triple Bridges over MD 295, Baltimore, Md.

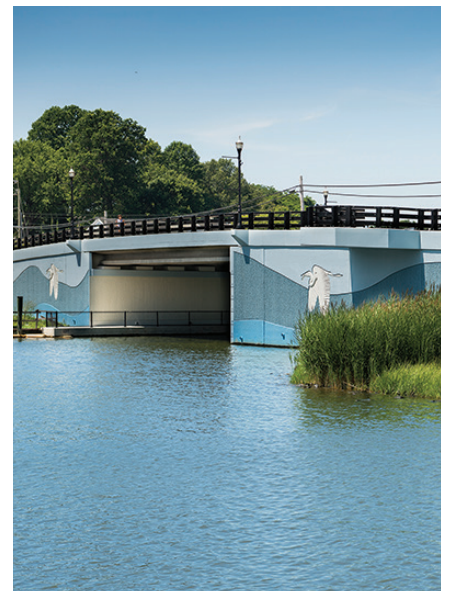
Wagman Receives DBIA-MAR & MdQI Awards

Wagman Heavy Civil accepted two awards at the 2019 Design-Build Institute of America Mid-Atlantic Region Awards Night (DBIA-MAR) in October. The awards honor projects that demonstrate effective schedule and cost and exemplify effective processes, teamwork, problem-solving and excellence in design. MD 404 received the 2019 DBIA-MAR Honor Award and Route 7 received the 2019 DBIA-MAR Merit Award.

In January, Wagman Heavy Civil received the Award of Excellence for Partnering in the state of Maryland on a project over \$10M for the MD 261 Bridge over Fishing Creek project at the 27th MdQI Conference Awards Banquet. These awards are open to those who successfully deliver public sector transportation projects in the state of Maryland. Congratulations to all involved!



Pictured Top Left: Members of the MD 404 Project Team accept the DBIA-MAR Honor Award. Pictured Bottom Left: Route 7 Widening Project Team receive the 2019 DBIA-MAR Merit Award. Pictured Right: MD 261 over Fishing Creek.





General Construction | Heavy Civil | Geotechnical

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Mailing Label
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York, PA 12345

For more information about Bonded Concrete Overlay products and services, please contact us.

Wagman has been working with modified concretes for over 45 years. Please contact me to discuss the advantages of different concrete products and determine which one offers the most benefits based on your project goals.

Brandon Zerilla

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Connect with Brandon during the following events this fall:

VTCA Conference, September 1 - 3

APC Fall Seminar, November 18 - 20

